

**THIRD TERM
WEEKLY LESSON NOTES
WEEK 11**

REVISION AND END OF TERM ASSESSMENT

Week Ending: 08-09-2023		DAY:		Subject: Science	
Duration: 100mins				Strand: Humans & The Environment	
Class: B8		Class Size:		Sub Strand: Rocks	
Content Standard: B8.5.6.1 Recognize the different types of rocks as origin of different types of soils			Indicator: B8.5.6.1.1 Observe and describe different types of rocks as origins of soils.		Lesson: 1 of 2
Performance Indicator: Learners can identify different types of rocks and describe their visible characteristics.				Core Competencies: DL 5.3: CI 6.8: DL 5.1: CI 6.6:	
References: Science Curriculum Pg. 85					
Phase/Duration	Learners Activities				Resources
PHASE 1: STARTER	<p>Revise with learners to review their understanding in the previous lesson.</p> <p>Share performance indicators with learners.</p>				
PHASE 2: NEW LEARNING	<p>Brainstorm learners on what rocks are and why they are important to our planet.</p> <p>Introduce the three main rock types: igneous, sedimentary, and metamorphic.</p> <p>Distribute labeled rock samples to each student or group of learners.</p> <p>Provide each student or group with a magnifying glass and rock identification guide.</p> <p>Learners examine their rock samples, noting the name of the rock and using the guide to confirm the classification.</p> <p>After identifying each rock, learners will describe its visible characteristics in their notebooks. For example, color, texture, grain size, luster, and any visible minerals.</p> <p>Facilitate a discussion, asking learners to share their descriptions and noting any similarities or differences between the rock samples.</p> <p><u>Assessment</u></p> <ol style="list-style-type: none"> 1. What are rocks, and why are they important? 2. Name the three main types of rocks. 3. How can you use a rock identification guide to determine the type of rock you have? 				Pictures and charts

	<ol style="list-style-type: none"> 4. Describe one physical characteristic you could use to identify a rock. 5. List three visible characteristics you might observe when examining a rock. 6. How might the texture of an igneous rock differ from that of a sedimentary rock? 	
<p>PHASE 3: REFLECTION</p>	<p>Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.</p> <p>Take feedback from learners and summarize the lesson.</p>	

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Duration: 100mins		Strand: Humans & The Environment
Class: B8	Class Size:	Sub Strand: Rocks
Content Standard: B8.5.6.1 Recognize the different types of rocks as origin of different types of soils	Indicator: B8.5.6.1.1 Observe and describe different types of rocks as origins of soils.	Lesson: 2 of 2
Performance Indicator: Learners can collect rock samples from their community, identify them using a guide, and research the stages of weathering of rocks to form soil.		Core Competencies: DL 5.3: CI 6.8: DL 5.1: CI 6.6:
References: Science Curriculum Pg. 85		

Phase/Duration	Learners Activities	Resources
PHASE 1: STARTER	<p>Revise with learners to review their understanding in the previous lesson.</p> <p>Share performance indicators with learners.</p>	
PHASE 2: NEW LEARNING	<p>Ask learners to present the rock they found as homework, describing its visible characteristics.</p> <p>Learners should then use the rock identification guide to attempt to classify their rock.</p> <p>Compare the student-found rocks to the labeled laboratory samples from Lesson 1.</p> <p>Divide learners into small groups and assign each group a specific stage or type of weathering (physical, chemical, and biological).</p> <p>Using classroom resources or the internet, learners will research their assigned stage/type of weathering and how it contributes to soil formation.</p> <p>Each group will then present their findings to the class.</p> <p><u>Assessment</u></p> <ol style="list-style-type: none"> 1. Describe the rock you found in your community. What visible characteristics did you observe? 2. Did you use a rock identification guide to classify your rock? If so, what type of rock did you determine it to be? 3. What is weathering, and why is it important in the formation of soil? 4. Name one type of weathering and describe how it affects rocks. 	Pictures and charts
PHASE 3: REFLECTION	<p>Use peer discussion and effective questioning to find out from learners what they have learnt during the lesson.</p> <p>Take feedback from learners and summarize the lesson.</p>	